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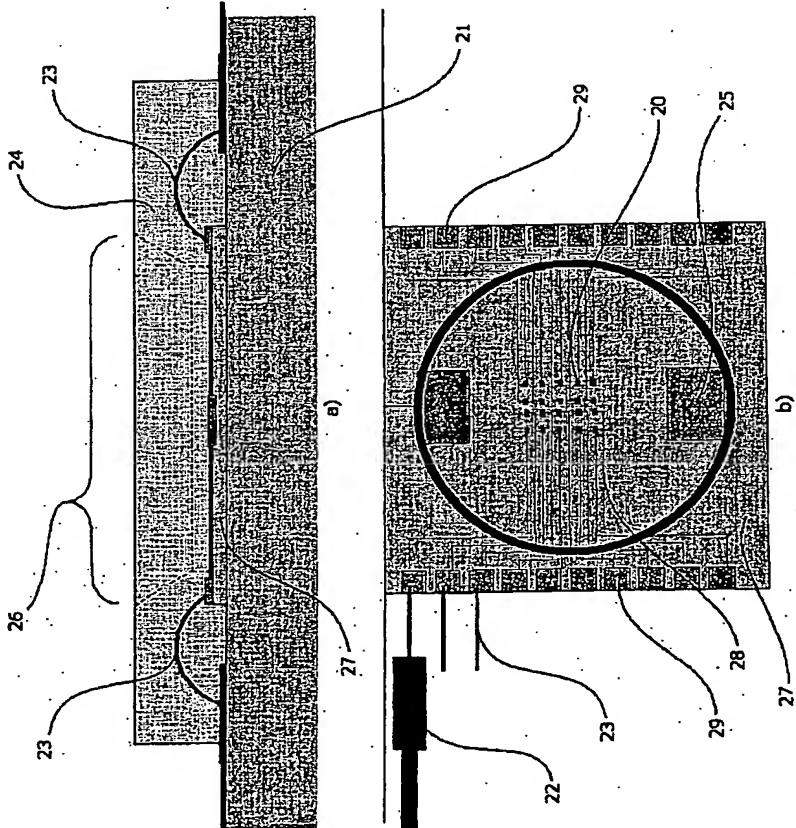
(71) Applicant (for all designated States except US): BIOSI-LAB S.R.L [IT/IT]; Via del Garda 44, I-38068 Rovereto (IT).

(72) Inventors; and (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH,

(75) Inventors/Applicants (for US only): VASSANELLI, Stefano [IT/IT]; P. le Firenze 20, I-35132 Padova (IT). CELERE, Giorgio [IT/IT]; Via Anguissola 5, I-36100 Vicenza (IT). BORGO, Mauro [IT/IT]; Via Marosticana, I-36031 Povolaro Di Dueville (IT). BANDIERA,

[Continued on next page]

(54) Title: BIOCHIP ELECTROPORATOR AND ITS USE IN MULTI-SITE, SINGLE-CELL ELECTROPORATION



(57) Abstract: The introduction of genetic material or molecules of biological interest into cells is a procedure with an increasing interest both for experimental and application purposes, so that electroporation is a widely used technique, but the electroporation of single adhering cells is still impaired. The present application describes an apparatus for the electroporation of any kind of cell adhering to a substrate at any stage of development, where an electrical signal can be driven and applied to a single adhering cell in culture in order to obtain its electroporation. The method to electroporate a single adhering cell with the apparatus of the invention is also described.



GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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